

1960

RIVER TEES PORT HEALTH
AUTHORITY



SEVENTY FOURTH
ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
(ERIC C. DOWNER, M.A., D.P.H.).

H. & F. STOKELD, PRINTERS, GRANGE ROAD
MIDDLESBROUGH.

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THE RIVER TEES PORT HEALTH AUTHORITY.

LIST OF MEMBERS

APPOINTED JUNE, 1960.

Middlesbrough Corporation :

Alderman F. J. Longstaff
Alderman T. Farthing
Councillor A. T. Crosby
Councillor A. Gibson
Councillor W. Grosvenor
Councillor W. J. Story
Councillor T. Williams
Councillor J. Wilson

Billingham U.D.C. :

Councillor Mrs. A. Banner
Councillor W. Crossley
Councillor L. Wilson

Eston U.D.C. :

Councillor V. H. Bell
Councillor W. Rowley
Councillor W. Herlingshaw

Stockton-on-Tees Corporation :

Alderman J. S. Darby
Councillor C. V. Armitage, J.P.
Councillor Mrs. M. E. Jackson
Councillor Mrs. M. Scott

Redcar Corporation :

Alderman S. G. Shillito
Councillor G. W. Thorne

Thornaby-on-Tees Corporation :

Alderman C. Anderton
Councillor J. White

Stockton Rural District Council :

Councillor F. B. Battersby
Councillor G. T. Tingle

Chairman 1959-60:

W. Rowley, Esq.

Chairman 1960-61:

C. Anderton, Esq.

Solicitor to the Authority :

J. H. Storey, Esq.

Clerk :

G. W. W. Barnley, Esq. (resigned February 1960)

H. L. Cartwright, Esq. (appointed March 1960)

Assistant to Clerk :

Miss J. B. Talling (appointed April 1960)

SECTION I.—STAFF.

TABLE A.

Name of Officer	Nature of Appointment	Date of Appointment	Qualifications	Any other appointments held
Eric C. Downer	Port Medical Officer.	19. 6. 1950	M.A., D.P.H.	Medical Officer of Health, County Borough of Middlesbrough. Principal School Medical Officer.
R. Taylor	Deputy Port Medical Officer	1. 6. 1952	M.B., Ch.B., D.P.H.	Deputy Medical Officer of Health.
M. Sackwood	Asst. Port Medical Officer	1. 1. 1958	M.B., B.S., D.R.C.O.G., D.P.H.	Senr. Asst. M.O.H.
W. J. Wigfield	Asst. Port Medical Officer	1. 2. 1959	M.B., B.Ch., D.P.H.	Senr. Asst. M.O.H.
A. Nielson Jones	Chief Port Health Inspector	12. 4. 1937	Master Mariner, C.R.S.I., Cert. Meat and Food	Food Inspector and Rodent Officer
G. Richards	Deputy Chief Port Health Inspector	1. 4. 1956	Master Mariner C.R.S.I., Cert. Meat and Food	Deputy Food Inspector and Rodent Officer.
W. B. Curry	Assistant Port Health Inspector	24. 11. 1955	Ministry of Transport 2nd Mate Certificate	
T. Warwick	Rat Searcher	October 1933		
J. Glazebrook	Rat Searcher	29. 6. 1953		
J. Buckton	Launch Coxswain	August 1927		

A deck boy is also employed on the Launch.

TYPING:

Part-time clerk-typist by arrangement with Middlesbrough Corporation Health Department.

Address and Telephone Number of Medical Officer of Health:

HEALTH DEPARTMENT, 26 SOUTHFIELD ROAD, MIDDLESBROUGH.

Telephone: 3201.

RIVER TEES PORT HEALTH AUTHORITY.

*To THE CHAIRMAN AND MEMBERS OF THE
RIVER TEES PORT HEALTH AUTHORITY.*

Mr. Chairman, Ladies and Gentlemen,

I have the honour to place before you my report for the year 1960 which is drawn up in accordance with the Ministry of Health's instructions.

My esteemed and learned colleague, Mr. G. W. W. Barnley, your Clerk, retired in the spring and I regret passed away later in the year. We recorded our appreciation of his many kindnesses and courtesies last year and we will not forget him.

He was succeeded as Clerk by his Deputy, Mr. H. L. Cartwright, whom we warmly welcome and wish many happy years of interesting office.

I should like to thank the Members of the Authority for steadfast understanding and support throughout the year and to pay my tribute to the good work and faithful performance of duty of your inspectorial and the other staff of the Authority.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

ERIC C. DOWNER,

Medical Officer of Health,

River Tees Port Health Authority.

M.V. "DRENTE," 4,905 net tons. Left Hamburg 22nd March p.m.
Arrived Middlesbrough, 24th March, a.m.

24.3.1960—

Interviewed the Captain, who informed me that he had had some cases of sickness; that some were now better, but that some were still in bed.

The itinerary of the ship had been from Rotterdam — where half the crew taken on new—by Bremen, hence to Hamburg and on here.

With the Captain I interviewed, first of all Mr. Colman, 2nd Engineer, whose story was—taken sick 22.3.1960, headache, body pains, etc. Had aspirin and A.P.C., felt better on the 23rd, now working and feeling all right on the 24th.

Mr. Hoffman, visited in cabin (Chief Engineer). This was a more severe case. Took ill on 22nd, temperature 38.8. On 23rd, temperature advanced as high as 39.9. Tepid sponge by Second Mate, aspirin and A.P.C. Temperature now 39.4—very hot and sweaty.

A lamp trimmer, Mr. A. P. Flas Blom, took ill 23rd p.m. Temperature 39.2. This morning temperature 36.8, almost normal. Headache and body pains now receding.

Mr. G. Vos took ill with pains in the back, 23rd. Temperature this morning 38.6, pulse 98. Still hot and bothered.

Mr. Huybrechts, aged 16, cabin boy. Took ill 23rd. Temperature 39.6. Steadily coming down. Now 36.6. Boy now looks very well.

Mr. C. Hak taken ill this morning, 24th.

M.O.H. commended 2nd Officer on the way he had been treating his sick. Told him he saw no need for hospitalisation and that the infection had already been accomplished; to turn in Mr. Hak and to see that those of them that were turned in did not have to go through cold alleyways to get to the lavatory.

There was also one other sick lad—an alleged broken finger, requiring X-ray. M.O.H. advised Captain to get the Agents to ask the Ambulance Service to convey him to X-ray Department, and to tell the Ambulance Service the M.O.H. had authorised it.

25.3.1960.

M.O.H. and C.P.H.I. re-visited this morning and stayed to lunch. One more case, Chief Mate, Mr. Muldu, who sickened on the 24th March.

Chief Engineer and Chief Mate still quite ill. Cabin boy and lamp trimmer better and back to work.

26.3.1960.

T. H. Dubois, 3rd Officer, sickened p.m. 25th, temperature 39. Visited by M.O.H. and C.P.H.I. Ship sailed p.m. 26.3.60. for Antwerp. Antwerp advised.

SECTION II.—AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR.

TABLE B.

Ships from	Number	Tonnage (Net)	Number inspected		Number of ships reported as having or having had during the voyage, infectious disease on board
			By a Medical Officer of Health	By a Port Health Inspector	
Foreign Ports ..	2,012	4,649,533	395	2,006	3
Coastwise ..	1,490	1,101,490	4	1,419	1
Total	3,502	5,751,023	399	3,425	4

SECTION III.—CHARACTER OF SHIPPING AND TRADE DURING THE YEAR.

TABLE C.

Passenger traffic ..	{	Number of passengers inwards ..	1,152
		Number of passengers outwards ..	1,482
Cargo Traffic ..	{	Principal IMPORTS—Iron ore, manganese and chrome ores, potash, sulphur, phosphate rock, petrol and oils, feedstock, chemicals and sundry goods.	
		Principal EXPORTS—Steel plates, angles, bars, rails, fish plates, castings, pipes, pig iron, machinery, sulphate of ammonia, chemicals, creosote, pitch and tar, slag, scrap and manufactured goods.	

Principal ports from which ships arrive — Pepel, Freetown, Bone, Bougie, Takoradi, Puerto Ordaz, Casablanca, La Goulette, Narvik, Oxelosund, Luleo, Gothenburg, Oslo, Copenhagen, Aarhus, Hamburg, Wabana, Rotterdam, Antwerp, Rouen, Ghent, Delfzyl, Ymuiden, Wismar, Gefle and ports in India, South Africa, China, Australia, New Zealand and Eastern Mediterranean ports.

COMPARATIVE SCHEDULE OF THE CLASSIFICATION OF VESSELS CLEARING THE RIVER TEES
FOR THE YEARS ENDED 31ST OCTOBER, 1959 AND 1960

(Figures supplied by the courtesy of the General Manager of the Tees Conservancy Commission).

Net Registered Tonnage		1960	1959	Increase	Decrease
Under 500 tons	Steam	2,305	1,641	664	—
500—1,000 tons	Steam	563	519	44	—
1,000—2,000 tons	Steam	171	206	—	35
2,000—3,000 tons	Steam	93	89	4	—
3,000—4,000 tons	Steam	146	171	—	25
4,000—5,000 tons	Steam	321	358	—	37
5,000—6,000 tons	Steam	301	217	84	—
6,000 tons and over	Steam	156	94	62	—
Tugs		14	2	12	—
Totals ..		4,070	3,297	870	97

1960—Shows an Increase over 1959 of 773 ships.

COMPARATIVE SCHEDULE OF THE IMPORTS IN TONS INTO THE RIVER TEES DURING THE
YEARS ENDED 31ST OCTOBER, 1959 and 1960.

(Figures supplied by the courtesy of the General Manager of the Tees Conservancy
Commission).

Commodity	1960 Tons	1959 Tons	Increase Tons	Decrease Tons
ORES:				
Iron etc.	3,681,859	2,755,749	926,110	—
Manganese	83,242	55,088	28,154	—
Chrome	29,865	24,876	4,989	—
Total Ores ..	3,794,966	2,835,713	959,253	—
IRON & STEEL ..				
Pig Iron	25,096	8,099	16,997	—
Manufacturers	871	169	702	—
Scrap	151,784	25,436	126,348	—
Machinery	2,257	4,124	—	1,867
Total Iron & Steel ..	180,008	37,828	144,047	1,867
Coal	288,884	528,259	—	239,375
Loam etc.	15,446	11,159	4,287	—
Chemical Manures ..	138,428	130,863	7,565	—
Creosote	—	968	—	968
Feedstock etc.	671,878	472,718	199,160	—
Petrol, Oils etc.	805,431	649,814	155,617	—
Provisions	8,292	12,582	—	4,290
Sugar	19	1,013	—	994
Wood	10,765	6,635	4,130	—
Magnesite	2,817	999	1,818	—
Chemicals	49,131	25,539	23,592	—
Glass	4	3	1	—
Bags	3,458	4,050	—	592
Phosphate Rock	171,676	144,249	27,427	—
Sulphur	49,105	23,943	25,172	—
Sundry Goods	14,297	16,505	—	2,208
Totals	6,204,605	4,902,830	1,552,069	250,294

1960 Increase over 1959 of 1,301,775 tons.

COMPARATIVE SCHEDULE OF THE EXPORTS IN TONS FROM THE RIVER TEES DURING
THE YEARS ENDED 31st OCTOBER 1959 AND 1960.

(Figures supplied by the courtesy of the General Manager of the Tees Conservancy Commission).

Commodity	1960 Tons	1959 Tons	Increase Tons	Decrease Tons
IRON & STEEL				
Pig Iron	9,853	7,929	1,924	—
Rails	56,051	51,781	4,370	—
Castings Pipes Etc. ..	113,438	165,076	—	51,638
Angles, Bars & Plates ..	404,645	283,322	121,323	—
Bridgework	2,203	1,139	1,064	—
Joists	8,597	4,477	4,120	—
Scrap	12,357	98,918	—	86,561
Galvanised Sheets ..	1,854	2,702	—	848
Machinery	18,871	21,932	—	3,061
Carriage and wagonwork	1,323	2,063	—	740
Wire (of all kinds) ..	6,591	5,010	1,581	—
Manufactured (other than the above) ..	14,112	25,119	—	11,007
Total Iron & Steel ..	649,895	669,368	134,382	153,855
Coal Cargo	—	822	—	822
Coke	4,795	4,985	—	190
Salt	751	718	33	—
Sulphate of Ammonia ..	278,407	217,105	61,302	—
Chemicals (other than Sulphate of Ammonia) ..	113,877	65,312	48,565	—
Pitch and Tar	37,923	37,145	778	—
Oil—Creosote	25,559	19,064	6,495	—
Oil—Benzole etc.	1,119	6,178	—	5,059
Oil—Gas	4,164	4,084	80	—
Oil—Marine Fuel	3,388	5,771	—	2,383
Oil—Petrol etc.	50,149	17,883	32,266	—
Slag Rough	330,939	265,125	65,814	—
Slag Wool	103	633	—	530
Glass & Earthenware ..	602	251	351	—
Paint	767	765	2	—
Paper	440	141	299	—
Cement	169	581	—	412
Sundry Goods	33,326	39,203	—	5,877
Totals	1,536,373	1,355,134	350,367	169,128

1960—Increase over 1959 .. 181,239 tons (excluding 'allowed' bunker coal).

"Allowed" bunker coal 1959.. 518 tons

"Allowed" bunker coal 1960.. 45 tons

**TRADE STATISTICS FOR THE FINANCIAL YEAR ENDED
31st OCTOBER, 1960.**

(Figures supplied by the courtesy of the General Manager of the Tees Conservancy Commission).

SHIP CLEARANCES—4,070.

Ship Clearances during the year ended 31st October, 1960 totalled 4,070, an increase of 773 over the comparable period for 1959.

NET REGISTERED TONNAGE—6,211,263 N.R. TONS.

The net registered tonnage of vessels which cleared the Ports of the Tees during 1960 totalled 6,211,263 tons. This is an increase of 728,164 tons over the previous year and is the highest figure ever recorded.

IMPORTS—6,204,605 TONS.

The total volume of imports to the Tees during 1960 amounted to 6,204,605 tons and is the highest figure ever recorded.

The comparable figure for 1959 was exceeded by 1,301,775 tons and the principal increases were in the importations of iron ore, petroleum oils, and iron and steel products.

EXPORTS—1,536,418 tons.

The total volume of exports from the Tees during 1960, excluding allowed bunker coal, showed an increase of 181,239 tons over the comparable figure for 1959, due mainly to increased exports of petroleum oils and general chemicals, including sulphate of ammonia.

The total quantity of **IMPORTS** to and **EXPORTS** from the Ports of the Tees during 1960 amounted to 7,741,023 tons and is the greatest ever recorded. The comparable figure for 1959 has been exceeded by 1,482,541 tons.

**COMPARATIVE SCHEDULE OF SHIPPING FIGURES FOR THE YEARS
ENDED 31st OCTOBER,**

	1960	1959	1958	1957	1939	1938
Ship Clearances	4,070 N.R. Tons	3,297 N.R. Tons	4,192 N.R. Tons	4,823 N.R. Tons	3,771 N.R. Tons	4,029 N.R. Tons
Net Registered Tonnage	6,211,263 Tons	5,483,099 Tons	5,459,746 Tons	5,239,479 Tons	3,530,505 Tons	3,895,043 Tons
Imports	6,204,605	4,902,830	5,095,372	5,547,867	2,182,046	2,589,586
Exports (including allowed Bunker Coal).	1,536,418	1,355,652	1,442,165	1,638,220	1,849,864	2,015,412

**COMPARATIVE SCHEDULE OF SHIP CLEARANCES FOR THE RIVER TEES DURING THE YEARS
ENDED 31st OCTOBER 1959 and 1960.**

(Figures supplied by the courtesy of the General Manager of the Tees Conservancy Commission)

	1960			1959			Increase		Decrease	
	No. of Vessels	Net Reg. Tonnage	No. of Vessels	Net. Reg Tonnage	No. of Vessels	Net Reg. Tonnage	No. of Vessels	Net Reg. Tonnage	No. of Vessels	Net Reg. Tonnage
INWARDS:										
Coastwise	919	795,616	724	829,040	195	—	—	—	—	33,424
Europe	758	824,215	525	639,499	233	184,716	—	—	—	—
Beyond Europe	358	1,723,517	295	1,292,029	63	431,488	—	—	—	—
OUTWARDS:										
Coastwise	770	294,001	574	209,467	196	84,534	—	—	—	—
Europe	622	241,716	584	244,121	38	—	—	—	—	2,405
Beyond Europe	490	2,096,223	486	2,085,567	4	10,656	—	—	—	—
Vessels IN & OUT Light	92	167,912	85	112,146	7	55,766	—	—	—	—
New Vessels OUT Light	10	63,287	18	70,756	—	—	8	7,469	—	—
Vessels in for Refuge	37	4,776	4	474	33	4,302	—	—	—	—
Steam Tugs Towing/and or with passengers	4,056	6,211,263	3,295	5,483,099	769	771,462	8	43,298	—	—
Totals	4,070	6,211,263	3,297	5,483,099	781	771,462	8	43,298	—	—

1960 Ship Clearances	Increase over 1959 of 773 ships.
Net Registered Tonnage	Increase over 1959 of 728,164 N.R. Tons.

SECTIONS IV—INLAND BARGE TRAFFIC.

There is no barge traffic in the River Tees.

SECTION V.—WATER SUPPLY.

1. (a) Source of supply for the district—The water is drawn from the Middlesbrough supply, which is maintained by the Tees Valley and Cleveland Water Board. This water is kept under constant supervision and is abundant and of good quality.
(b) For Shipping—Vessels obtain their supplies from hydrants on the wharves, the town supply serving these hydrants. Occasionally ships lying at the buoys in the river are supplied by water boat. There is now only one water boat supplying water to ships at the buoys. This boat belongs to the Tees Conservancy Commissioners and is kept under constant supervision. The boat is periodically inspected and samples of water taken frequently.
 2. Eighteen samples of water were taken from the water boat and from other vessels in the Port. Most of these tests were satisfactory. When unsatisfactory reports are received the Owners of the vessels concerned are directed to empty the tanks, clean them out and replenish with fresh water, after which further samples are taken. Samples are also obtained from the hydrants.
 3. Precaution taken against contamination of hydrants and hosepipes—hydrants are covered when not in use and hoses stowed in lockers.
 4. Number and sanitary condition of water boats and powers of control by the Authority—There is now only one water boat operating and its sanitary condition is satisfactory. Previously there was another water boat owned by a private firm. This boat was condemned about two years ago owing to its unsatisfactory condition. Powers of control are contained in the Public Health Act, 1936, Section 3, 141 and 267. The Authority has no local powers over water boats.
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SECTION VI — PUBLIC HEALTH (SHIPS) REGULATIONS, 1952.

1. List of Infected Areas:
Lists of infected areas are compiled each week from the Weekly Record of quarantinable diseases and copies are supplied to the H.M. Customs Water-guard and Tees Pilotage Authority. These lists are sent by post each Monday morning.
2. Radio Messages:
 - (a) It has not been found necessary up to the present at this port to send permission by radio for ships to enter the district. Arrangements have been made however, to send such messages through Cullercoats Radio station.
 - (b) Arrangements have been made for radio messages from ships to be sent direct to the Port Medical Officer, either in plain language or in code, using the 1931 International Code of Signals.

3. Notifications otherwise than by Radio (Regulation 14(1) (b)):

Arrangements have been made for messages to be sent by morse code from ships in Tees Bay to the light-keepers on the breakwater and such messages are telephoned to the Medical Officer. Ships with infectious disease on board are then held in quarantine until visited by the Port Medical Officer.

4. Mooring Stations (Regulations 22 to 30):

There is a mooring station in the river situated at Eston No. 4 buoys which is intended for ships which are infected or suspected on account of one of the major infectious diseases. Ships entering the Port with a case or suspected case of infectious disease, other than one of the major infectious diseases are allowed to proceed to their place of mooring, but are quarantined until visited by the Medical Officer of Health and declared clear.

5. Arrangements for—

(a) Hospital accommodation for infectious diseases: Accommodation is reserved at West Lane Isolation Hospital for any infectious disease case admitted from the Port, other than smallpox.

(b) All contacts are kept under daily supervision and the Medical Officer of the next port of call is intimated. The names and addresses given by persons allowed to leave are forwarded to the Medical Officer of Health for such districts.

(c) Cleansing and disinfection of ships, persons, clothing and other articles : Disinfection of Ships for the prevention of infectious disease is carried out by the Port Health Staff. Bedding and clothing are either burnt or removed to West Lane Isolation Hospital for disinfection. Members of the crew or other persons on board are also removed to this Hospital and are accommodated in a building reserved for this purpose whilst they are bathed and their clothes disinfected.

SECTION VII.—SMALLPOX.

1. Name of Isolation Hospital to which smallpox cases are sent from the district :
Langley Park Hospital (near Durham City).

2. Arrangements for transport of such cases to that Hospital by ambulance:

In cases of smallpox, vessels concerned would be berthed at the quarantine buoys in the river and cases would be removed by the Authority's launch and transferred to an ambulance belonging to Middlesbrough Public Health Department at the ferry landing.

3. Name(s) of smallpox consultant(s) available:

These are in accordance with Ministry of Health's regional panel of consultants.

4. Facilities for laboratory diagnosis of Smallpox:

These facilities are provided at the Area Public Health Laboratory.

SECTION VIII.—VENEREAL DISEASE

The special Treatment Centre is at the General Hospital, Ayresome Green Lane, Middlesbrough and all seamen found to be suffering from these diseases are directed to attend for treatment.

Notices printed in various languages giving full particulars of the services of the Clinic, together with times of treatment, are distributed on board the vessels.

Special notices have been sent to all Consuls, Vice-Consuls, Shipping Agents and the Missions to Seamen, drawing their attention to the facilities available to seamen for the treatment of these diseases.

**MERCHANT SEAMEN TREATED AT THE SPECIAL TREATMENT
CENTRE, MIDDLESBROUGH GENERAL HOSPITAL DURING THE
YEAR 1960.**

(Kindly supplied by the Consultants in charge)

During the year 1960, the total number of seamen receiving treatment or investigation for venereal diseases at this clinic was 193. This was an increase of 8% over the previous year. The cases are sub-divided as follows:-

British Seamen	..	..	86
Commonwealth	..	..	44
Foreign Seamen	..	..	63

Of the above number, 168 cases gave a recent history of exposure to possible infection and received initial investigation and treatment at this clinic. The total number attending have been classified by country and in fresh infection by disease.

	Total No. attending	Fresh Infections:		
		Syphilis	Gonorrhoea	Others
British Seamen	86	1	14	64
British Commonwealth	44	1	13	24
sub-divided:-				
Aden	7	-	4	2
Br. Guiana	2	1	1	-
East Africa	1	-	-	-
India	9	-	-	7
Malta	1	-	-	1
Pakistan	2	-	-	2
Somaliland	6	-	3	3
South Africa	2	-	-	2
West Africa	1	-	-	1
West Indies	13	-	5	6
Foreign Seamen	63	-	11	40
sub-divided:-				
Denmark	8	-	1	6
Finland	1	-	-	1
Germany	5	-	2	2
Greece	12	-	-	12
Holland	8	-	2	5
Italy	1	-	-	1
Norway	14	-	4	7
Poland	2	-	-	2
Portugal	3	-	1	-
Spain	1	-	-	-
Sweden	7	-	1	4
Switzerland	1	-	-	-

SECTION IX.—CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS

TABLE D.

Category	Disease	Number of cases during the year		Number of ships concerned
		Passengers	Crew	
Cases landed from ships from foreign ports ..	Influenza	—	11	3
	Pneumonia ..	—	1	1
Cases which have occurred on ships from foreign ports but have been disposed of before arrival ..	Tuberculosis	—	1	1
	Pneumonia	—	1	1
	Suspected polio-myelitis	—	1	1
	Dysentery	—	1	1
Cases landed from other ships	—	—	—	—

SECTION X.—OBSERVATIONS ON THE OCCURRENCE OF MALARIA ON SHIPS.

There have been no cases of malarial fever on vessels arriving in the Port.

SECTION XI.—MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE.

There have not been any vessels arriving in the Port infected with or suspected for plague during the year.

SECTION XII.—MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS.

1. Procedure for inspection of ships for rats.—All ships arriving in the Port from foreign ports and as many coastwise vessels as is possible, are inspected by the inspectorial staff and a thorough search is made for indications of rodent infestation by the searchers. Where indications of rodent infestation are found traps are set and specimens are submitted to the Public Health Laboratory for examination, and in cases where the deratting certificate has expired and indications of rodents are found, the vessel is ordered to be deratted, either by fumigation or poisoning, according to circumstances.
2. Arrangements for the bacteriological or pathological examination of rodents—Arrangements have been made for the bacteriological and pathological examination of rodents at the Public Health Laboratory, Middlesbrough General Hospital. Thirteen specimens were submitted for examination during the year, all with negative results.
3. Arrangements in the district for deratting ships and the methods used.—Deratting of ships at this Port is carried out either by fumigation with H.C.N. or poisoning with sodium fluoracetate or other suitable poison, depending on the degree of infestation. Bad cases of infestation are dealt with by fumigation with H.C.N. Most of the work is carried out by a local contractor Messrs. Ben Wright & Co., of Middlesbrough, but occasionally outside contractors are engaged from other ports. These operations are carried out under the supervision of the inspectorial staff.
4. Progress in the rat-proofing of ships.—Ship builders are now giving a good deal of attention to rat-proofing and most new vessels are found to be largely rat-proof. Advice is given from time to time when rat-proofing is not satisfactory.

TABLE E.

RODENTS DESTROYED DURING THE YEAR IN SHIPS FROM FOREIGN PORTS.

RODENTS DESTROYED DURING THE YEAR IN SHIPS FROM FOREIGN PORTS.

Category	Number
Black rats	234
Brown rats	Nil
Sent for examination ..	12
Infected with Plague	Nil

In addition, 3 black and 36 brown rats were caught and destroyed on wharves. One of these was sent for bacteriological examination.

TABLE F.

DERATTING CERTIFICATES AND DERATTING EXEMPTION CERTIFICATES ISSUED
DURING THE YEAR.

No. of Deratting Certificates Issued:					Number of Deratting Exemption Certificates issued	Total Certi- cates issued
HCN 1	After fumigation with Other Fumigants 2	After trap- ping 3	After poison ing 4	Total 5		
2	—	—	14	16	202	218

SECTION XIII.—INSPECTION OF SHIPS FOR NUISANCES.

TABLE G.

INSPECTION AND NOTICES

Nature and number of inspections				Notices served		Result of serving Notices
				Statutory Notices	Other Notices	
Foreign going vessels	2,006	—	30	28 Remedied		
Coastwise	1,419	—	11	9 Remedied		
Total	3,425	—	41	37 Remedied		

GENERAL SANITARY SUPERVISION.

During the year 41 informal notices dealing with the undermentioned nuisances were served.

Cockroach and other vermin infestations	7
Choked scuppers	5
Defective galley stoves	4
Defective or cracked port lights	3
Choked w.c's.	2
Defective w.c. flush pipes	2
Defective flush valves	2
Crews' quarters to 'paint out'	2
Defective heating apparatus	1
Defective galley sink	1
Defective hot water pipe joint	1
Dampness due to leaking tank top	1
Fresh water tank to clean	1
Defective fresh water tap	1
Defective galley scupper grid	1
Wash place to paint	1
Defective fan	1
Defective meat block	1
Rodent infestation	1
Defective skylight	1
Defective fresh water service pipe	1
Choked galley tank pipe	1
Total ..	<u>41</u>

SECTION XIV.—PUBLIC HEALTH (SHELL-FISH) REGULATIONS 1934 and 1948.

In 1932 the River Tees Port Health Authority made Regulations under the Public Health Act 1896, prohibiting the sale of or offering for sale any mussels, cockles, periwinkles or other shell fish taken from within the district, unless and until such shell fish have been re-laid for such a period as may be directed.

There are no beds laid in the Tees estuary. The River Police keep the collecting of shell fish from the banks of the river under observation. All shell fish in the area are liable to pollution.

No action has been taken during the year under the above Regulations or the Food and Drugs Act, 1938 or the Food and Drugs Act, 1955.

SECTION XV.—MEDICAL INSPECTION OF ALIENS.

1. List of Medical Inspectors of Aliens holding Warrents of Appointment:

Dr. Eric C. Downer, Medical Officer of Health.	
Dr. R. Taylor, Deputy Medical Officer of Health.	
Dr. M. Sackwood	} Senior Assistant Medical Officers of Health.
Dr. W. J. Wigfield	

2. List of other staff engaged in the work. None.

3. Organisation of work:

The Port Medical Officer is notified of all alien passengers, including stowaways arriving in the Port and arrangements are made for a medical officer to examine them on board before they are allowed to disembark.

4. Nature and amount of aliens traffic:

The majority of alien passengers arriving in the Port are pleasure visitors to this Country, chiefly from the Scandinavian countries. A number also arrive regularly from Denmark bound for the Far East. These passengers are granted temporary shore leave during the vessel's stay in Middlesbrough. Stowaways occasionally arrive from West African ports.

The total number of alien passengers arriving in the Port during the year was 726 (including temporary shore leave passengers).

5. Accommodation for medical inspection and examination :

Aliens are generally examined on board, but accommodation is available at the Health Department, 26 Southfield Road, if it should be required. 585 alien passengers landed at the Port during the year. In addition 141 alien passengers not landing at Middlesbrough were granted temporary shore leave.

SECTION XVI.—MISCELLANEOUS.

Arrangements for the burial on shore of persons who have died on board ship from infectious disease.

Dead bodies of persons who had died on board from infectious disease would be removed to the mortuary at West Lane Isolation Hospital, whence they would be buried.

RETURN OF CASES OF SICKNESS OR INJURY FOUND ON VESSELS ENTERING THE PORT.

Enteritis	..	..	..	..	12
Influenza	..	..	..	..	11
Tonsillitis ..	..	..	..	..	5
Suspected Appendicitis			..	..	3
Feverish colds	..	..	..	..	3
Venereal disease	..	..	..	..	3
Food poisoning	..	..	..	..	2
Salmonella ..	..	..	..	..	2
Stomach trouble	..	..	..	..	2
Duodenal ulcer	..	..	..	..	2
Asthma ..	..	..	..	..	2
Bronchial spasm	..	..	..	..	1
Knee inflammation		..	..	..	1
Nose bleeding	..	..	..	..	1
Sinus trouble	..	..	..	..	1
U.R.I. ..	..	..	..	..	1
Pneumonia	..	..	..	..	1
Headache and dizziness	..	..	..	..	1
Abdominal pain	..	..	..	..	1
Glandular fever	..	..	..	..	1
Diabetes ..	..	..	..	..	1
					—
Total ..					57
					==

Of the above 29 were treated at hospital or at the clinic: the remainder were treated on board or proceeded home.

CASES OF ILLNESS OR INJURY ON BOARD VESSELS.
REPORTED OR DEALT WITH DURING THE YEAR.

Date	Name of Vessel	Where from	Nature of illness	No. of Cases	Remarks
January 5	Bendigo ..	London ..	Tonsillitis ..	1	Removed West Lane H.
11	Makrana ..	Hamburg ..	Bronchial spasm ..	1	Removed Gen. Hosp.
18	Karachi ..	Bremen ..	Inflammation of knee ..	1	Removed Gen. Hosp.
22	Huldra ..	London ..	Excessive nose bleeding ..	1	Removed N.R. Infirmary
23	Cornelis B. ..	Rotterdam ..	Tonsillitis ..	1	Removed West Lane H.
February 8	Finland ..	Kotka ..	Tonsillitis ..	1	Removed West Lane H.
16	Port Sunlight (dredger) ..		Sinus complaint ..	1	Removed N.R. Infirmary
18	Anchises ..	Hamburg ..	Food poisoning ..	1	Removed West Lane H.
20	Anchises ..	Hamburg ..	Food poisoning ..	1	Removed West Lane H.
19	Selvistan ..	Rotterdam ..	Pulmonary T.B. ..	1	Landed South Shields Cabin fumigated
19	Redcar ..	Wabana ..	Tonsillitis ..	1	Removed West Lane H.
26	Britland ..	Bilbao ..	V.D. ..	1	Referred to clinic
27	Gazelle ..	London ..	U.R.I. ..	1	Removed West Lane H.
29	Antilope ..	London ..	Stomach trouble ..	1	Removed N. O. Hosp.
March 4	Makalla ..	Tyne ..	Influenza ..	1	Removed West Lane H.
24	Drente ..	Hamburg ..	Influenza ..	9	Treated on board
30	Jaladhir ..	Hamburg ..	Tonsillitis ..	1	Treated on board
April 28	Waroonga ..	Immingham ..	Lobar pneumonia	1	Removed West Lane H.
May 17	Myken ..	Wabana ..	Headache and dizziness ..	1	Removed Gen. Hosp.
23	Carmencita ..	Conakry ..	Influenza ..	1	Removed West Lane H.
July 4	Cannanore ..	Rotterdam ..	Severe abdominal pain ..	1	Removed Eston Hosp.
18	A P.J. Angle	Mo-i-rana ..	Stomach trouble ..	1	Removed N. O. Hosp.

CASES OF ILLNESS ON BOARD VESSELS—*continued.*

Date		Name of Vessel	Where from	Nature of illness	No. of Cases	Remarks
July	23	Matheran ..	Boulogne ..	Feverish cold ..	1	Treated on board
	26	Turmfalke ..	Amal ..	V.D. ..	1	Referred to Clinic
	29	Ardenside ..	Antwerp ..	Duodenal Ulcer ..	1	Removed Hemlington H
August	2	Macaulay ..	Casablanca ..	Stomach Ulcer ..	1	Removed Stockton H.
	2	Welsh Prince	Immingham ..	Appendicitis ..	1	Sent home.
	18	Sir Andrew Duncan ..	Bona ..	Suspected Polio ..	1	Landed Gibraltar
	18	Sir Andrew Duncan ..	Bona ..	Appendicitis ..	1	Sent home
	19	Clan McKellar	Dundee ..	Enteritis ..	2	Removed West Lane H.
September	5	Avasaksa ..	Luleo ..	Glandular Fever ..	1	Removed West Lane H.
October	20	Riebeck Castle	Rotterdam ..	Diabetes ..	1	Removed Hemlington H
	31	Jalagopal ..	Dunkirk ..	Pleurisy ..	1	Landed Hamburg
	31	Jalagopal ..	Dunkirk ..	Stomach Ulcers ..	1	Landed Hamburg
	31	Avisaig ..	Abidjan ..	Asthma ..	1	Treated on board
November	11	Mansoor ..	Dundee ..	Dysentery ..	1	Landed Dundee
	21	Kohistan ..	Grangemouth	Pneumonia ..	1	Landed Grangemouth
	21	Kohistan ..	Grangemouth	V.D. ..	1	Removed West Lane H.
	22	City of York	Tyne ..	Asthma ..	1	Removed to Gen. H.
December	3	English Prince	Manchester ..	Diarrhoea ..	10	Specimens negative
	3	English Prince	Manchester ..	Salmonella ..	2	Sent home
	3	Koroviena ..	Saltend ..	Heavy cold ..	1	Treated on board
	10	Clan Angus	Dundee ..	Appendicitis ..	1	Removed N.O. Hosp.
	20	Fivel ..	Stettin ..	Heavy cold ..	1	Treated on board

INFLUENZA.

S.S. "Makalla" arrived at the Port on March 4th from Newcastle. One of the crew was found to be suffering from influenza and was removed to hospital for treatment.

S.S. "Drente" arrived at the Port on March 24th. Nine members of the crew were medically attended on board for influenza during the vessel's stay in the Port.

S.S. "Carmencita" arrived at the Port on May 23rd from Conakry. One of the crew was admitted to hospital suffering from influenza.

PNEUMONIA.

S.S. "Waroonga" arrived at the Port on April 28th from Immingham. One of the crew was removed to hospital suffering from pneumonia.

S.S. "Kohistan" arrived at the Port on November 21st. One of the crew had been landed at Grangemouth suffering from pneumonia.

PULMONARY TUBERCULOSIS.

S.S. "Selvistan" arrived at the Port on February 19th from Rotterdam. One of the crew had been landed at South Shields suffering from pulmonary tuberculosis.

POLIOMYELITIS.

S.S. "Sir Andrew Duncan" arrived at the Port on August 18th from Bona. One of the crew had been landed at Gibraltar suffering from suspected poliomyelitis.

DYSENTERY.

S.S. "Mansoor" arrived at the Port on November 11th from Dundee. One of the crew had been landed at Dundee suffering from dysentery.

Number of cases of sickness or injury dealt with before arrival at the Port.

Tuberculosis	..	..	1
Suspected Poliomyelitis			1
Dysentery	..	..	1
Pneumonia	..	..	1
Pleurisy	..	..	1
Ulcers	..	..	1

VESSELS TREATED FOR VERMIN INFESTATION.

Jan.	9th	M.V. "Whitehaven"	Accommodation sprayed with insecticide.
Feb.	8th	M.V. "Clan Sinclair."	Accommodation sprayed with insecticide.
Feb.	10th	S.S. "Martand"	Accommodation sprayed with insecticide.
May	25th	S.S. "Magdapur"	Accommodation sprayed with insecticide.
May	30th	S.S. "Klipbok."	Accommodation fumigated with H.C.N.
June	14th	S.S. "Pandorian."	Accommodation sprayed with insecticide.
Oct.	10th	S.S. "Fatehabad."	Accommodation fumigated with H.C.N.
Nov.	11th	S.S. "Mansoor."	Accommodation sprayed with insecticide.
Dec.	20th	S.S. "Castledore"	Accommodation sprayed with insecticide.
Dec.	21st	M.V. "Myken."	Accommodation sprayed with insecticide.

NATIONALITY OF FOREIGN VESSELS.

Dutch	..	..	..	716	Panamanian	..	..	..	8
Norwegian	..	..	..	198	South African	..	..	..	8
German	..	..	..	179	U.S.S.R.	..	..	..	5
Swedish	..	..	..	133	Italian	..	..	..	4
Danish	..	..	..	131	Canadian	..	..	..	3
Liberian	..	..	..	33	Eirean	..	..	..	2
French	..	..	..	22	Turkish	..	..	..	1
Indian	..	..	..	20	Bahamas	..	..	..	1
Finnish	..	..	..	16	Egyptian	..	..	..	1
Jugoslavian	..	..	..	12	Portuguese	..	..	..	1
Pakistani	..	..	..	9	Belgian	..	..	..	1
Greek	..	..	..	9					
Japanese	..	..	..	8			Total	..	1,529
Spanish	..	..	..	8					

"LAUNCH MERCIE II"

The motor launch "Mercie II" continues to give satisfactory service. Apart from the usual annual overhaul it was not found necessary to carry out any major repairs during the year.

FOOD INSPECTION.

Consignments of imported foodstuffs have been systematically examined during the year. These consisted of:- ham, ox tongue, luncheon meat, canned chicken, chopped pork, onions, lettuce, dried peas, cabbage, carrots, potatoes, cauliflowers, plums, pears, gooseberries, pineapple, apples, cucumbers, tomatoes, melons, blackberries, fruit pulp, condensed milk, rusks, tapioca, sago flour, tea, syrup, pepper, sugar, butter and desiccated coconut.

Twelve cwt. sugar and 12 packages of biscuits were condemned owing to damage by sea water.

During the year, 217 samples of desiccated coconut were obtained from 15 cargoes. With the exception of one cargo these proved to be negative for salmonella contamination. The cargo from which samples were taken showing positive reactions was detained. Later the whole consignment was sampled and those cases or bags showing negative reaction were passed for food. Some 48 packages showed positive reactions out of this consignment and these are awaiting shipment to Holland for manufacturing purposes other than food.

PREVENTION OF DAMAGE BY PEST ACT, 1949.

No rodent control certificates were issued during the year. All coasting vessels dealt with were in possession of an international deratting or deratting exemption certificate.

The amount of shipping entering the Port during the year showed an increase over the previous year: 3,502 ships compared with 2,873 in 1959, and an increase of 810,994 net tons. Since 1938 the tonnage has almost doubled.

Comparisons with 1938 are given below.

Arrivals.	Net Tons
1938 .. 3,174	3,029,761
1960 .. 3,502	5,751,023

